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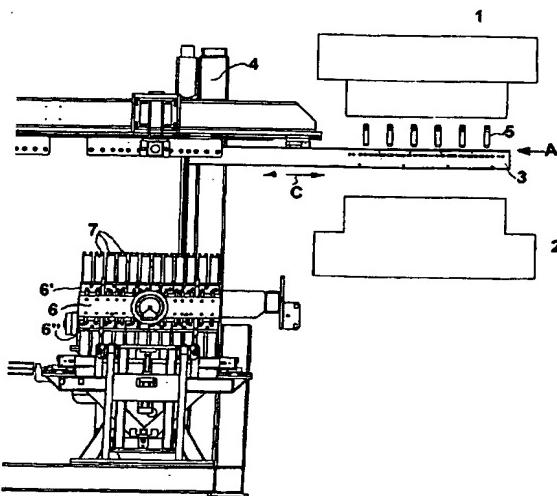
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(54) Title: INJECTION DEVICE AND PROCESS FOR PLASTIC OBJECTS



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(57) Abstract: A plastic preforms (5) moulding device and process comprising an injection mould, containing a plurality of injection cavities, an arm (3) for extracting the preforms (5) from the mould, equipped with guillotine-like gripping elements, which moves between the existing space between the half moulds when in the open position in order to grasp the preforms and the external position, a cooling turret (6), with the faces housing a group of cups (7) for the conditioning of the preforms (5), which effects a rotational movement around a horizontal axis and a vertical translation movement between the high position under the extraction arm to receive the preforms and the low position corresponding to the extraction table of the preforms (5), on which are indented longitudinal slots with teeth shaped constrictions in order to grasp the preforms under the ring (9) and to extract them from the cups (7).



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